

Notice of References Cited

Application/Control No.

09/720,587

Applicant(s)/Patent Under
Reexamination
LINNEBERG ET AL.

Examiner

Kelvin E Booker

Art Unit

2121

Page 1 of 6

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,571,227	05-2003	Agrafiotis et al.	706/15
*	B	US-6,238,342	05-2001	Feleppa et al.	600/437
*	C	US-6,169,981	01-2001	Werbos, Paul J.	706/23
*	D	US-6,021,387	02-2000	Mozier et al.	704/232
*	E	US-5,893,058	04-1999	Kosaka, Tetsuo	704/254
*	F	US-5,790,754	08-1998	Mozier et al.	704/232
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Jorgensen et al., "Theoretical Analysis and Improved Decision Criteria for the n-Tuple Classifier", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol 21, No 4, April 1999.
	V	Jorgensen et al., "Boosting the Performance of Weightless Neural Networks by Using a Post-Processing Transformation of the Output Scores", International Joint Conference on Neural Networks, July 1999, Vol 2, pages 812-816.
	W	Simoes et al., "The Adaptive Weight Using RAM", 1997 International Conference on Systems, Man and Cybernetics, October 1997, Vol 5, pages 4053-4056.
	X	Lucas et al., "Recognition of Chain-Coded Handwritten Character Images With Scanning n-Tuple Method", Electronic Letters, November 1995, Vol 34, No 24.

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Application/Control No.

09/720,587

Applicant(s)/Patent Under
Reexamination
LINNEBERG ET AL.

Examiner

Kelvin E Booker

Art Unit

2121

Page 2 of 6

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Jung et al., "Joint Feature and Classifier Design for OCR", Proceedings of the 3 rd International Conference on Document Analysis and Recognition, August 1995, Vol 2, pages 1115-1118.
	V	Allinson et al., "Neurons, N-Tuples and Faces", Computing and Control Engineering Journal, July 1990.
	W	Lucas et al., "Statistical Syntactic Methods for High-Performance OCR", IEE Proceedings-Visual Image Signal Process, February 1996, Vol 143, No 1.
	X	Lucas, S., "Rapid Content-Based Retrieval from Document Image Databases", IEEE Colloquium on Intelligent Image Databases, May 1996.

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Application/Control No.

09/720,587

Applicant(s)/Patent Under
Reexamination
LINNEBERG ET AL.

Examiner

Kelvin E Booker

Art Unit

2121

Page 3 of 6

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Bradshaw et al., "Improving the Generalisation of the N-Tuple Classifier Using the Effective VC Dimension", Electronics Letters September 1996, Vol 32, No 20.
	V	Lucas, S., "Can Scanning N-Tuple Classifiers be Improved by Pre-transforming Training Data?", IEE Workshop on Handwriting Analysis and Recognition-A European Perspective, May 1996.
	W	Lucas, S., "Continuous N-Tuple Classifier and Its Application to Face Recognition", Electronic Letters, September 1997, Vol 33 No 20.
	X	Jorgensen et al., "Nonlinear Noise Filtering and Texture Recognition by an Optoelectronic Neural Network That Implements a Mean Field Annealing Algorithm", Proceedings of the 1993 International Joint Conference on Neural Networks.

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Application/Control No.

09/720,587

Applicant(s)/Patent Under
Reexamination
LINNEBERG ET AL.

Examiner

Kelvin E Booker

Art Unit

2121

Page 4 of 6

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Jorgensen, T., "A RAM-based Neural Net with Inhibitory Weights and its Application to Recognising Handwritten Digits", International Workshop on Neural Networks for Identification, Control, Robotics and Signal/Image Processing, August 1996.
	V	Jung et al., "N-Tuple Features for OCR Revisited". IEEE Transactions on Pattern Analysis and Machine Intelligence, July 1996 Vol 18, No 7.
	W	Allinson et al., "A Principled Approach to N-Tuple Recognition Systems", IEE Colloquium on Pattern Recognition, February 1997.
	X	Linneberg et al., "Towards Semen Quality Assessment Using Neural Networks", Proceedings of the 1994 IEEE Workshop on Neural Networks for Signal Processing, September 1994, pages 509-517.

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Application/Control No.

09/720,587

Applicant(s)/Patent Under
Reexamination
LINNEBERG ET AL.

Examiner

Kelvin E Booker

Art Unit

2121

Page 5 of 6

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Linneberg et al., "Discretization Methods for Encoding of Continuous Input Variables for Boolean Neural Networks", Internation Joint Conference on Neural Networks, July 1999, Vol 2, pages 1219-1224.
	V	Kolcz et al., "Application fo the CMAC Input Encoding Scheme in the N-Tuple Approximation Network", IEE Proceedings-Computers and Digital Techniques, May 1994, Vol 141, Iss 3.
	W	Bishop et al., "Auto-Associative Memory Using N-Tuple Techniques", Intelligent Systems Engineering, Winter 1994.
	X	Rohwer, R., "Two Bayesian Treatments of the N-Tuple Recognition Method", Artificial Neural Networks, June 1995.

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited

Application/Control No.

09/720,587

Applicant(s)/Patent Under
Reexamination
LINNEBERG ET AL.

Examiner

Kelvin E Booker

Art Unit

2121

Page 6 of 6

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Ouslim et al., "P Pattern Recognition Based on a Probabilistic RAM Net Using N-Tuple Input Mapping", IEE Proceedings-Vision Image and Signal Processing, December 1998, Vol 145, Iss 6.
	V	Guoqing et al., "A Novel Adaptive Pattern Recognition Model with Sparse Associative Memory Networks", 1991 IEEE International Joint Conference on Neural Networks, November 1991, Vol 1, pages 272-280.
	W	Williams et al., "Hardware Implementation of RAM-Based Neural Networks for Tomographic Data Processing", IEE Proceedings-Computers and Digital Techniques, March 1999, Vol 146, Iss 2.
	X	Austin, J., "A Review of RAM Based Neural Networks", Proceedings of the 4 th International Conference on Microelectronics for Neural Networks and Fuzzy Systems, September 1994.

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.